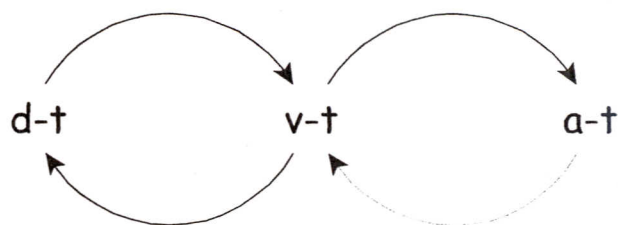


1. Complete the following diagram to the right that relates position-time ($\vec{d}-t$), velocity-time ($\vec{v}-t$), and acceleration-time ($\vec{a}-t$) graphs.



2. For each of the following d-t graphs

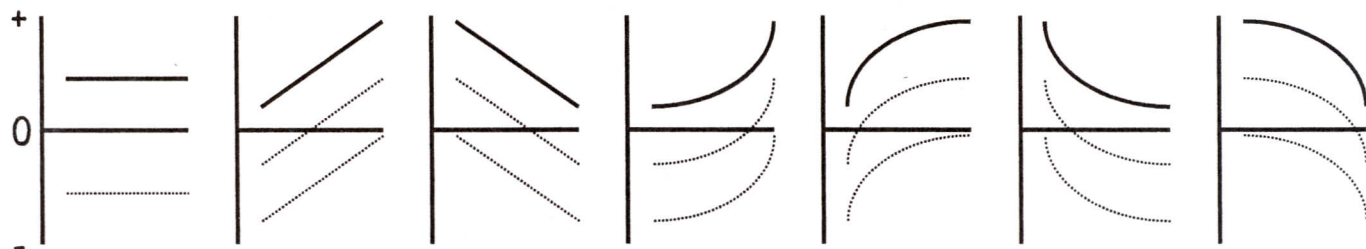
(a) sketch the corresponding v-t and a-t graphs (solid lines).

(b) sketch the corresponding v-t and a-t graphs (dotted lines).

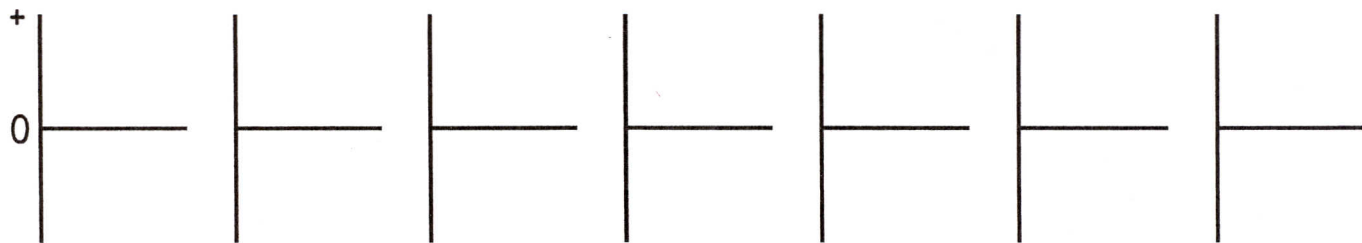
(c) is there a difference between (a) and (b)?

Remember that "_____ " IS CUMULATIVE!!

$\vec{d}-t$



$\vec{v}-t$



$\vec{a}-t$

